

WRDA[®] PN 30

Complex dispersant technology water reducer

Product Description

WRDA[®]PN 30 is an aqueous solution of polycarboxylate polymers and hydrocarbons. WRDA[®]PN 30 is a dispersing agent which provides uniform, predictable performance and conforms to AS 1478 Type WR. One litre weighs approximately 1.065kg ± 0.02kg.

Applications

WRDA[®]PN 30 provides a workable mix with less water resulting in stronger, less permeable and more durable concrete. It can be used in pre-mix, on-site and pre-cast plants for normal and specialty concretes.

Product Advantages

- Enhanced strength performance
- Enables early formwork removal
- Environmentally-friendly

Advantages

- Provides water reduction capabilities that enable concrete to be produced at lower water-cement ratio whilst maintaining same slump
- Enhanced strength performance at all ages of concrete.
- Neutral set performance — allows early formwork removal.
- Formulated with strength enhancement to optimise strengths at all ages
- WRDA[®] PN 30 is a “clean, sludge-free” water reducer.

Addition Rates

WRDA[®]PN 30 will provide water reduction with neutral sets at the recommended dose rates. At increased dose rates it can give slight retardation, however this will generally depend on environmental conditions at the time of dosing.

The dose rate for WRDA[®]PN 30 will typically range between 250 and 500mL / 100kg of total cementitious material.

Dispensing Equipment

Please contact your local GCP representative for further information regarding the dispensing equipment for this product.

Compatibility with Other Admixtures

WRDA[®]PN 30 is compatible with all air-entraining concrete admixtures, however the quantity of air entraining agent when added with WRDA[®]PN 30 to the concrete mix may be reduced by up to 25%.

WRDA[®]PN 30 can be used in conjunction with the ADVA[®] range of high range water reducers, MIRA[®] range of mid-range water reducers and both non-chloride and chloride-based accelerators. Each admixture should be added separately to the mix.

WRDA[®]PN 30 should not be used with DAREX[®]Super 20, DARACEM[®] or DARACEM[®] 19A.

Packaging

WRDA[®]PN 30 is available in 205L drums and in bulk.

WRDA[®]PN 30 is non-flammable, it can freeze at about -2°C but after thawing and agitating will have no adverse effect on the performance of the product.

Health and Safety See

WRDA[®]PN 30 Material Safety Data Sheet or consult GCP Applied Technologies

gcpat.com.au | Australia customer service: 1800 855 525

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

WRDA, DAREX, AEA, MIRA, ADVA and DARACEM are trademarks, which may be registered in the United States and/or other countries, of GCP Applied Technologies, Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2016 GCP Applied Technologies, Inc. All rights reserved.

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Alpharetta, GA 30009, USA

GCP Australia Pty. Ltd., 14 Colebald Street West, Archerfield, Brisbane, Queensland 4108, Australia

This document is only current as of the last updated date stated below and is valid only for use in Australia. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on www.gcpat.com.au. Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2023-07-06

gcpat.com.au/solutions/products/wrda-pn-30